Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	10/06/2016 10/06/2016	Herman Phillips

LM Start		Rating **	Α	Issue No.		4				
LM End		Issue Type +	Ma	Location *		WS				
Catagonia Earthen Levee			GPS La	atituc	le/Longitude					
Category				Start		End				
Item		s & Maintena	nce		0		0			
пеш	Manuals				0		0			
DWR ID	DWR ID DWR_NA0013_01_f _ 2016_4									
		Comn	nent Cod	de						
			_							
		Inspecto	or Comm	nent						
Merced County has a copy of the Operation and Maintenance Manual in their Office.										

No Photos

Issue No. LM Start Rating ** Α Location * Issue Type + WS Ма LM End Earthen Levee GPS Latitude/Longitude Category End Emergency Supplies & Item Equipment DWR NA0013 01 f 2016 5 DWR ID Comment Code

No Photos

Inspector Comment

Merced Streams Group has emergency supplies and equipment on hand.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	10/06/2016 10/06/2016	Herman Phillips

LM Start		Rating **	Α	Issue No.		6			
LM End		Issue Type +	Ма	Location *		WS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude			
Calegory				Start		End			
Item	Flood Pre	paredness &	Training		0		0		
пеш					٥		0		
DWR ID	DWR_NA0	013_01_f _ 201	6_6						
		Comn	nent Cod	le					
			•						
		Inspecto	or Comm	ent					
Merced St	Merced Streams Group are Trained and prepaired for Flood Fight.								

No Photos

Issue No. LM Start 0.00 Rating ** Location * Issue Type + WS LM End 1.27 Ма Earthen Levee GPS Latitude/Longitude Category Vegetation 37.314708° 37.332582° Item -120.396403° -120.394752° DWR ID DWR NA0013 01 f 2016 1 **Comment Code** V1: Control annual grass and weeds on the levee slopes and easements. Inspector Comment No unwanted vegetation.

Photo 1 of 1 : FA_2016_NA0013_331_1_20161012_00001.jpg



NA0013 Merced Streams Group Unit 1 levee mile 0.00.

LM Start	0.00	Rating **	Α	Issue No.		2			
LM End	1.59	Issue Type +	Ma	Location *		LS			
Category		GPS La	atitud	e/Longitude					
Category				Start		End			
Item	Vegetatio	n		37.3147	° 80	37.336818	0		
item			-120.3964	03°	-120.396542	0			
DWR ID	DWR_NA0	013_01_f _ 201	6_2						
		Comn	nent Cod	de					
V1 : Contro easements		rass and wee	eds on th	e levee slo	pes	and			
		Inspecto	or Comm	nent					
No unwant	No unwanted vegetation.								

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	10/06/2016 10/06/2016	Herman Phillips

LM Start	1.27	Rating **	М	Issue No.		3			
LM End	1.35	Issue Type +	Ма	Location *		WS			
Category	evee	GPS La	atitud	e/Longitude					
Calegory				Start		End			
Item	Vegetatio	n		37.3325	82°	37.333678°			
пеш				-120.3947	'52 °	-120.395158°			
DWR ID	DWR ID DWR_NA0013_01_f _ 2016_3								
		Comn	nent Cod	de					
V1 : Contro easements		rass and wee	ds on th	e levee slo	pes a	and			
		Inspecto	or Comm	nent					
Control the	annual gr	asses.							

No Photos

U : Unacceptable

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	10/06/2016 10/06/2016	Herman Phillips

					ı				
LM Start	0.01	Rating **	Α	Issue No.		7			
LM End	1.85	Issue Type +	Ma	Location *	LS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Vegetatio	n		37.3370)27°	37.314620°			
item				-120.3874	73°	-120.395820°			
DWR ID DWR_NA0013_02_f _ 2016_7									
		Comn	nent Cod	de					
V1 : Contro easements		grass and wee	ds on th	e levee slo	pes a	and			
		Inspecto	or Comm	nent					
No unwant	ed vegation	n.							
	·								



Unit 2 looking doownstream landside slope levee mile 0.00.

Photo 1 of 1: FA_2016_NA0013_332_8_20161012_00018.jpg

LM Start	0.01	Rating **	Α	Issue No.		8			
LM End	1.85	Issue Type +	Ma	Location *	WS				
Category Earthen Levee				GPS La	atitud	le/Longitude			
Calegory				Start		End			
Item	Vegetatio	n		37.3370	27°	37.314620°			
пеш				-120.387473 °		-120.395820°			
DWR ID DWR_NA0013_02_f _ 2016_8									
		Comn	nent Cod	de					
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slo	pes	and			
easements	S.								
		Inspecto	or Comm	nent					
No unwanted vegetation.									



Unit 2 levee mile 0.00 waterside slope looking downstream.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	10/06/2016 10/06/2016	Herman Phillips

LM Start	1.29	Rating **	С	Issue No.		5	
LM End	1.29	Issue Type +	Ма	Location *		WS	
Category				GPS Latitude/Longitude			
Calegory			Start		End		
Item	DWR Ero	sion Survey		37.3226	15°	37.322615°	
пеш				-120.3959	48 °	-120.395948°	
DWR ID						·	

No Photos

Inspector Comment

Comment Code

07/22/2016: No sign of new erosion observed. Slightly more vegetation at the site.

09/03/2015: The erosion site has been repaired, and vegetation has been removed. Minor erosion is still visible at the lower bank slope near the discharge structure.

7/31/2014: Soil has been added near the site and more vegetation is visible.

7/16/2013: The site was reported in the 2013 Spring Levee Inspection Reports. The erosion was caused by the water from the discharge line crossing the levee. Above the erosion a concrete discharge structure is present at the levee toe. The site is covered with dense vegetation. [2016 Site ID:NA0013U02RM1.31]

LM Start	1.63	Rating **	М	Issue No.		9
LM End	1.63	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory			Start		End	
Item	Encroach	ments		37.3177	58°	37.317758°
item			-120.3957	50°	-120.395750°	
DWR ID DWR_NA0013_02_f _ 2016_9						
		_				

Comment Code

TR: Tree or limb

Inspector Comment

Take out this walnut tree from the landside shoulder.

Photo 1 of 1: FA_2016_NA0013_332_9_20161012_00021.jpg



Unit 2 levee mile 1.63 landside shoulder.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	10/07/2016 10/07/2016	Herman Phillips

LM Start	0.01	Rating **	Α	Issue No.	1		
LM End	0.40	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n	37.257745°		37.263288 °		
пеш				-120.2884	-120.288458 ° -120.288303 °		
DWR ID	DWR_NA0	013_03_f _ 201	6_1				
		Comn	nent Coc	de			
	V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment							
Levee mile	Levee mile 0.01-0.40 no unwanted vegetation on the landside slope.						



Unit 3 Owens Creek Diversion landside levee mile 0.01.

Photo 1 of 1: FA_2016_NA0013_333_2_20161013_00002.jpg

LM Start	0.01	Rating **	Α	Issue No.		2	
LM End	1.42	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		37.2577	45°	37.273657°	
пеш				-120.2884	58°	-120.277787 °	
DWR ID DWR_NA0013_03_f _ 2016_2							
Comment Code							

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Levee mile 0.01-1.42 there is no unwanted vegetation along the waterside slope.



Unit 3 waterside levee slope looking upstream from levee mile 0.01-1.42.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	10/07/2016 10/07/2016	Herman Phillips

LM Start	0.01	Rating **	Α	Issue No.		3	
LM End	1.42	Issue Type +	Ma	Location *		CR	
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Item	Vegetatio	n		37.2577	45 °	37.273657°	
пеш				-120.2884	58°	-120.277787 °	
DWR ID	DWR_NA0013_03_f _ 2016_3						

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Crown roadway from levee mile 0.01-1.42 clear of all vegetation.

Photo 1 of 1: FA 2016 NA0013 333 4 20161013 00003.jpg

No Photos



Unit 3 looking upstream landside slope levee mile 0.40-0.57.

Issue No. LM Start 0.40 Rating ** U Issue Type + Location * LS 0.57 Ma LM End Earthen Levee GPS Latitude/Longitude Category End Vegetation 37.263385° 37.265792° Item -120.288345° -120.288405 DWR ID DWR NA0013 03 f 2016 4

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove the Tall dead weed growth from the landside slope and levee toe.

LM Start	0.58	Rating **	М	Issue No.		5	
LM End	1.23	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Vegetatio	n		37.2659	45 °	37.272620	0
item				-120.2882	70°	-120.280453	0
DWR ID	DWR_NA0	013_03_f _ 201	6_5				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove the dead weeds from the landside slope.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	10/07/2016 10/07/2016	Herman Phillips

LM Start	1.23	Rating **	Α	Issue No.	6		
LM End	1.42	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS La	tituc	le/Longitude	
Category				Start		End	
Item	Vegetation			37.27262	20°	37.273657°	
пеш				-120.2804	53 °	-120.277790 °	
DWR ID	DWR_NA0	013_03_f _ 201	6_6				
	Comment Code						
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slop	es	and	

easements.

Inspector Comment

Levee miles 1.23 -1.42 landside slope no unwanted vegetation on the levee slope.

LM Start	1.23	Rating **	М	Issue No.		7	
LM End	1.25	Issue Type +	Ma	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Category				Start		End	
Item	Animal Control			37.272628°		37.272927°	
item				-120.2803	98 °	-120.280302°	
DWR ID	DWR_NA0	013_03_f _ 201	6_7				
Comment Code							
A1 : Extern	ninate rod	ents and back	fill and o	compact or	grou	t burrows.	

Inspector Comment

Control the rodents along the landside slope from levee mile 1.23 to 1.25.

No Photos

No Photos

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	10/07/2016 10/07/2016	Herman Phillips

LM Start	0.01	Rating **	Α	Issue No.	7	
LM End	1.41	Issue Type +	Ma	Location *	WS	
Category Earthen Levee		GPS Latitude/Longitude				
		Start		End		
Vegetation Item		37.273313°		37.257423°		
item			-120.277797 °		-120.288225 °	
DWR ID DWR_NA0013_04_f _ 2016_7						
Comment Code						
V1 · Control annual grass and weeds on the levee slopes and						

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Levee mile 0.01-1.41 no unwanted vegetation on the waterside slope.



Unit 4 levee mile 0.01 looking downstream of the waterside slope.

LM Start	0.13	Rating **	Α	Issue No.		9
LM End	1.41	Issue Type +	Ма	Location *	LS	
Earthen Levee			GPS Latitude/Longitude			
Category		Start		End		
Vegetation			37.2731	50°	37.257423°	
item			-120.279952 °		-120.288225°	
DWR ID DWR_NA0013_04_f _ 2016_9						

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Maintaining Agency has recently mowed the levee section levee mile 0.13-1.41.

Photo 1 of 1: FA_2016_NA0013_334_9_20161013_00020.jpg



Levee mile 0.13 looking downstream at landside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	10/07/2016 10/07/2016	Herman Phillips

LM Start	0.19	Rating **	М	Issue No.		10	
LM End	0.69	Issue Type +	Ma	Location *	LS		
Catagory	Earthen Levee			GPS Latitude/Longitude			
Category			Start		End		
Animal Control			37.272373°		37.267383°		
пеш				-120.280392 °		-120.286598°	
DWR ID DWR_NA0013_04_f _ 2016_10							
Comment Code							
A1 : Exterminate rodents and backfill and compact or grout burrows.							
Inspector Comment							
No rodent or burrows found in this area listed.							
140 rodont of burrows round in this area listed.							

No Photos